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July 27, 2001

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Technology Center 2600

Commissioner for Patents Washington, D.C. 20231 Attn. Box: Official Draftsman

Re:

U.S. Patent Application Serial No. 09/839,485

Title: Self-Calibrating Surround Sound Systems

Applicant: Bruce S. Lavoie and William R. Michaelson

Filed: April 20, 2001

Attorney Docket No.: KHEN-P01-001

Dear Sir:

TRANSMITTAL OF FORMAL DRAWINGS

Transmitted herewith are fifteen (15) sheets of Formal Drawings for filing in the subject application. Acceptance of the Formal Drawings is respectfully requested.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Box Official Draftsman, Washington, DC 20231 on:

a) - a)

Patricia McKenney

Respectfully submitted,

Wolfgang F. Stutius

Reg. No. 40,256 ROPES & GRAY

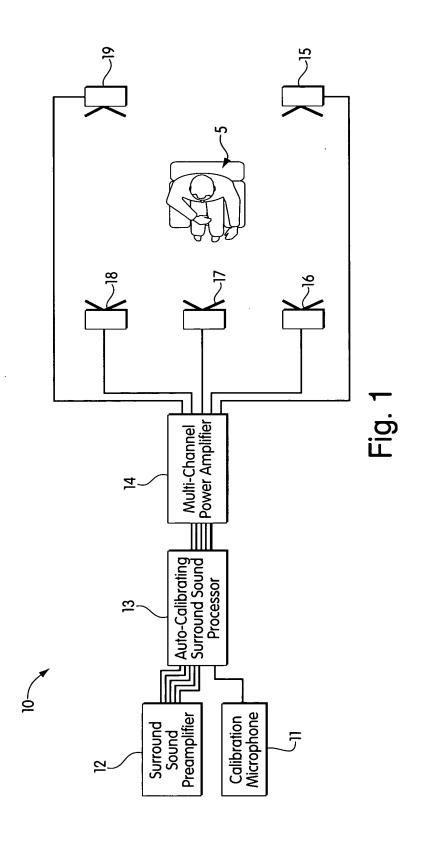
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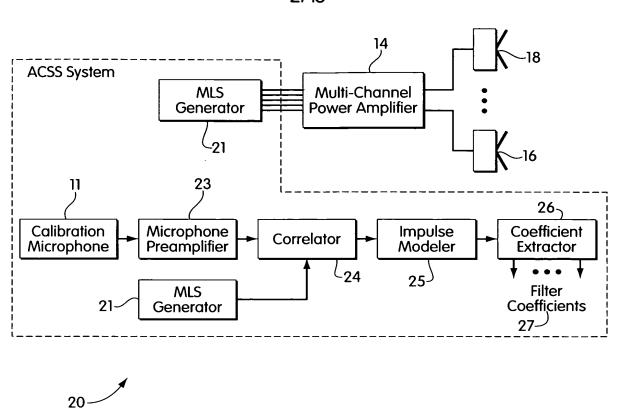


Fig. 2

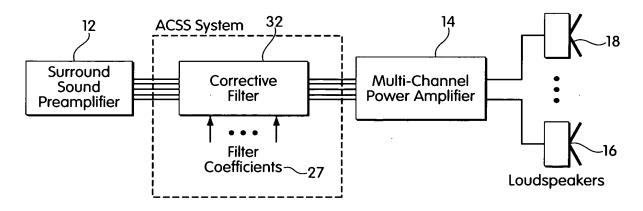


Fig. 3

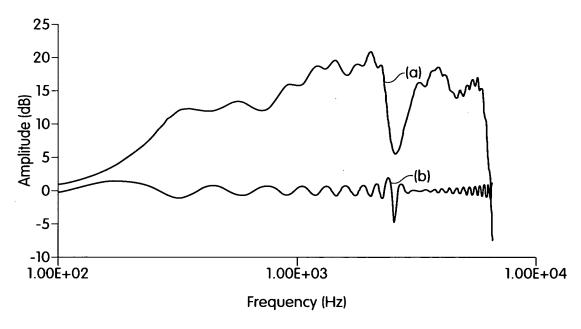


Fig. 4

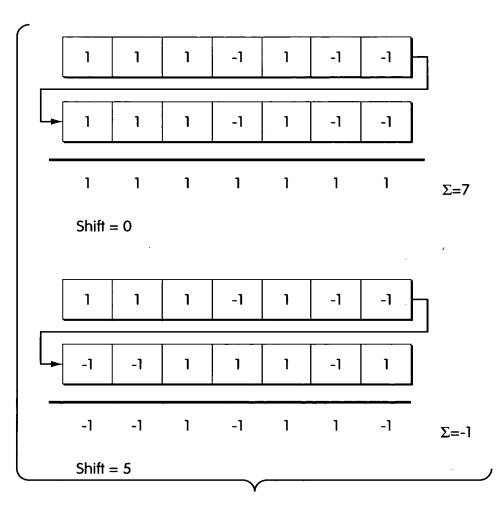
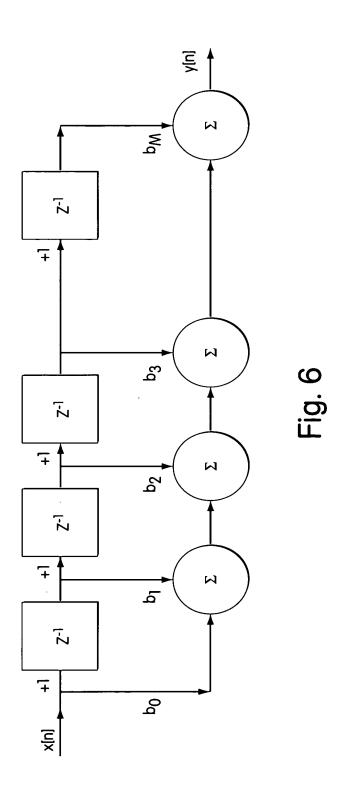
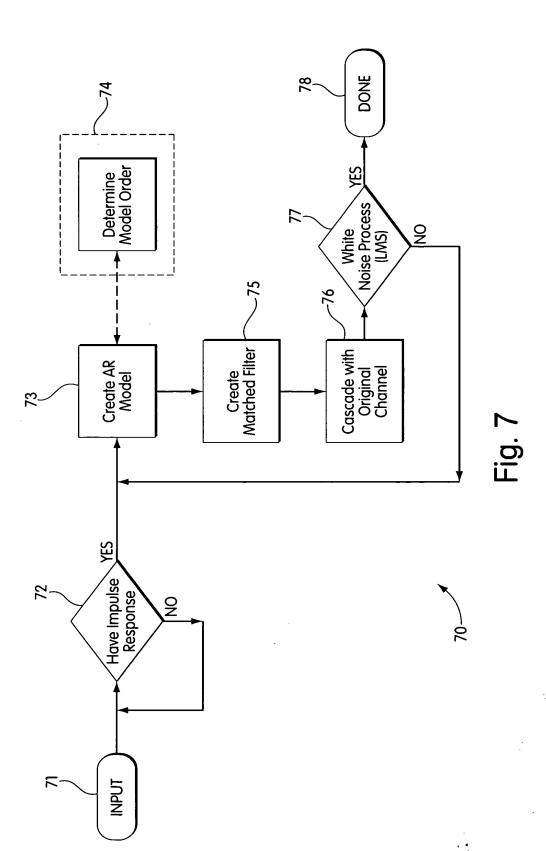


Fig. 5

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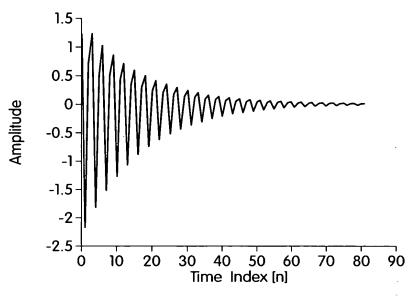
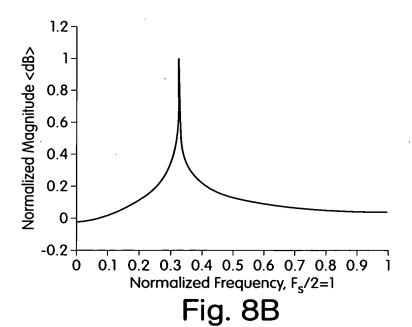


Fig. 8A





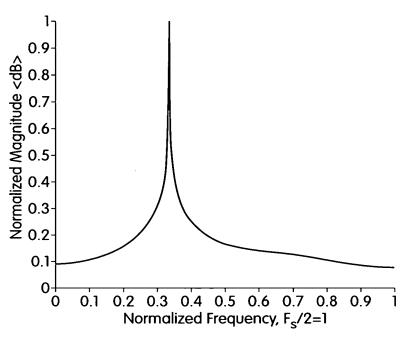
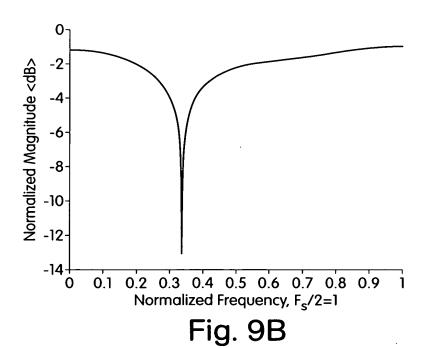


Fig. 9A



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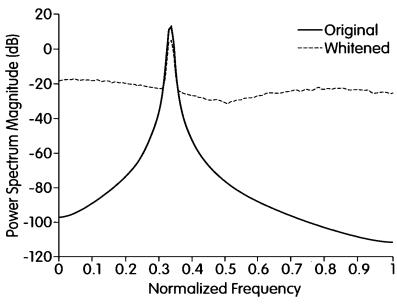


Fig. 10A

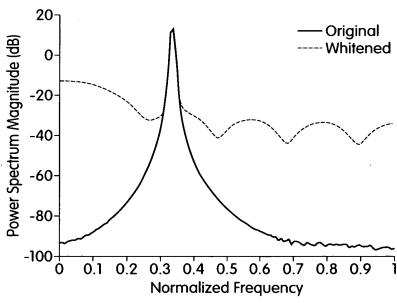


Fig. 10B

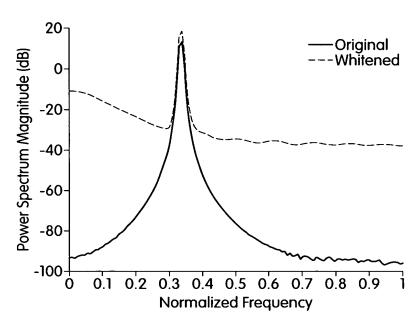


Fig. 10C

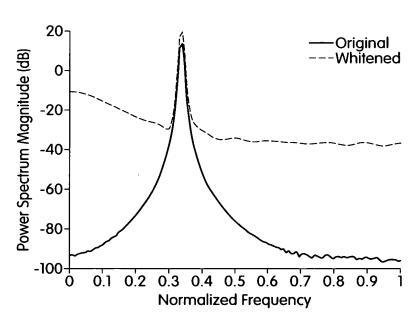
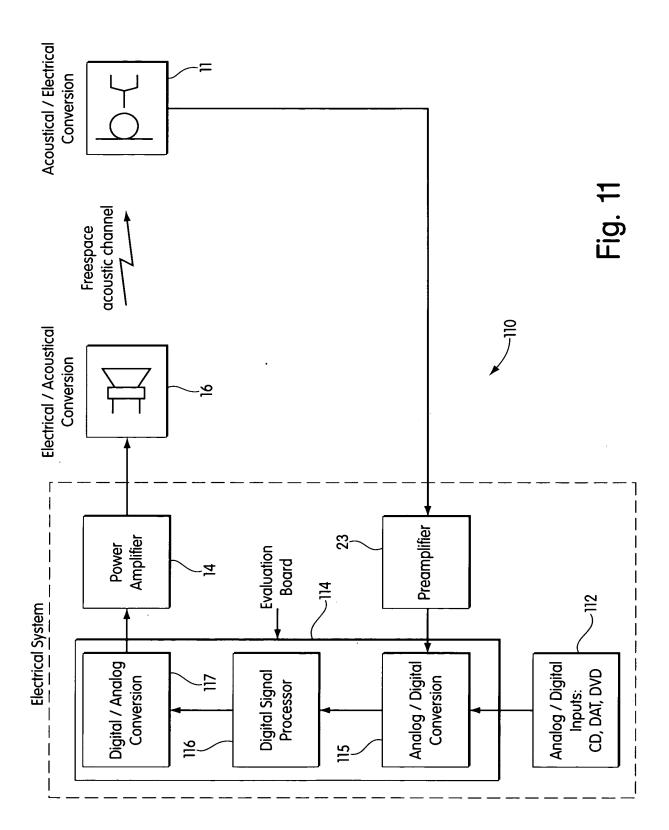
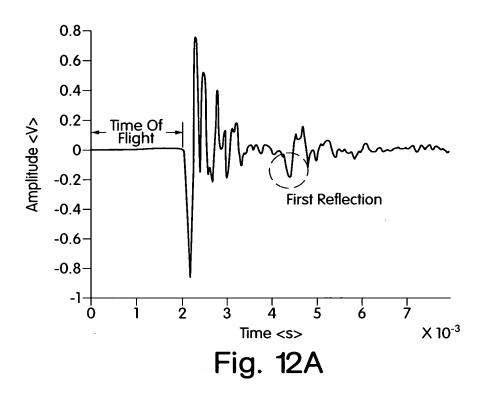


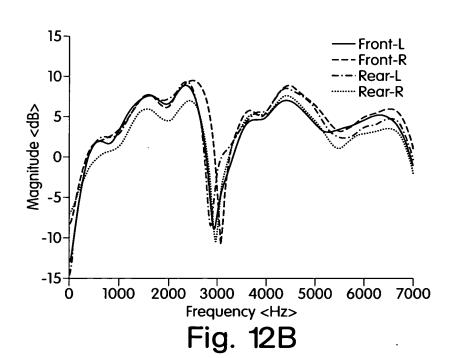
Fig. 10D

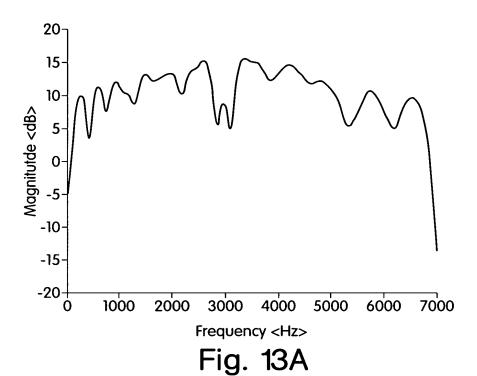
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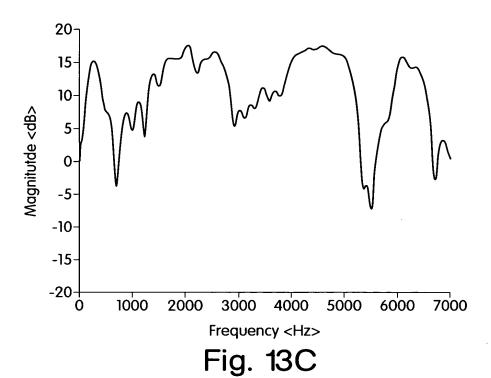


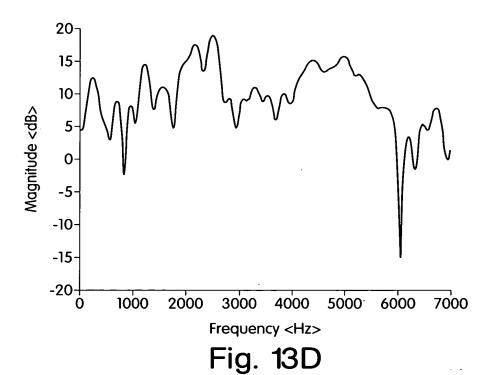




20-15 10-Magnitude <dB> 5 0 -5 -10 -15 -20|-1000 2000 5000 6000 7000 3000 4000 Frequency <Hz> Fig. 13B

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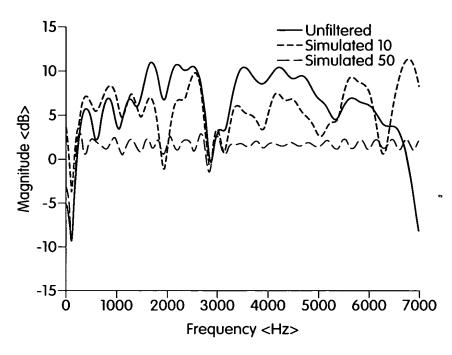


Fig. 14A

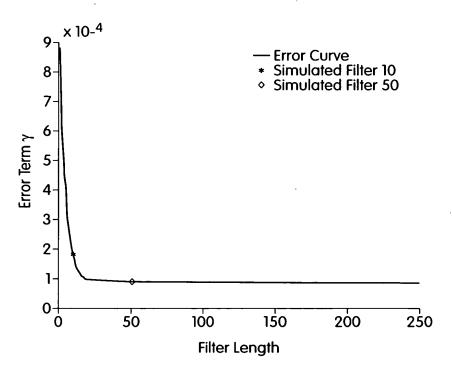


Fig. 14B